

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN053023\  
 Data File : BN025728.D  
 Acq On : 30 May 2023 23:09  
 Operator : CG/JU  
 Sample : PB153027BL  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB153027BL

Quant Time: May 31 04:48:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 29 00:47:45 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.019  | 152  | 6451     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.835 | 136  | 17277    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.651 | 164  | 9991     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.393 | 188  | 18182    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.578 | 240  | 9405     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 24.063 | 264  | 8483     | 0.400 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.557  | 112  | 5922     | 0.358 | ng    | 0.00     |
| 5) Phenol-d6                | 7.182  | 99   | 5769     | 0.291 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.212  | 82   | 4011     | 0.277 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10 | 12.423 | 152  | 9675     | 0.393 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.164 | 330  | 509      | 0.252 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.283 | 172  | 13181    | 0.320 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.421 | 212  | 15064    | 0.366 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.006 | 244  | 8666     | 0.421 | ng    | 0.00     |

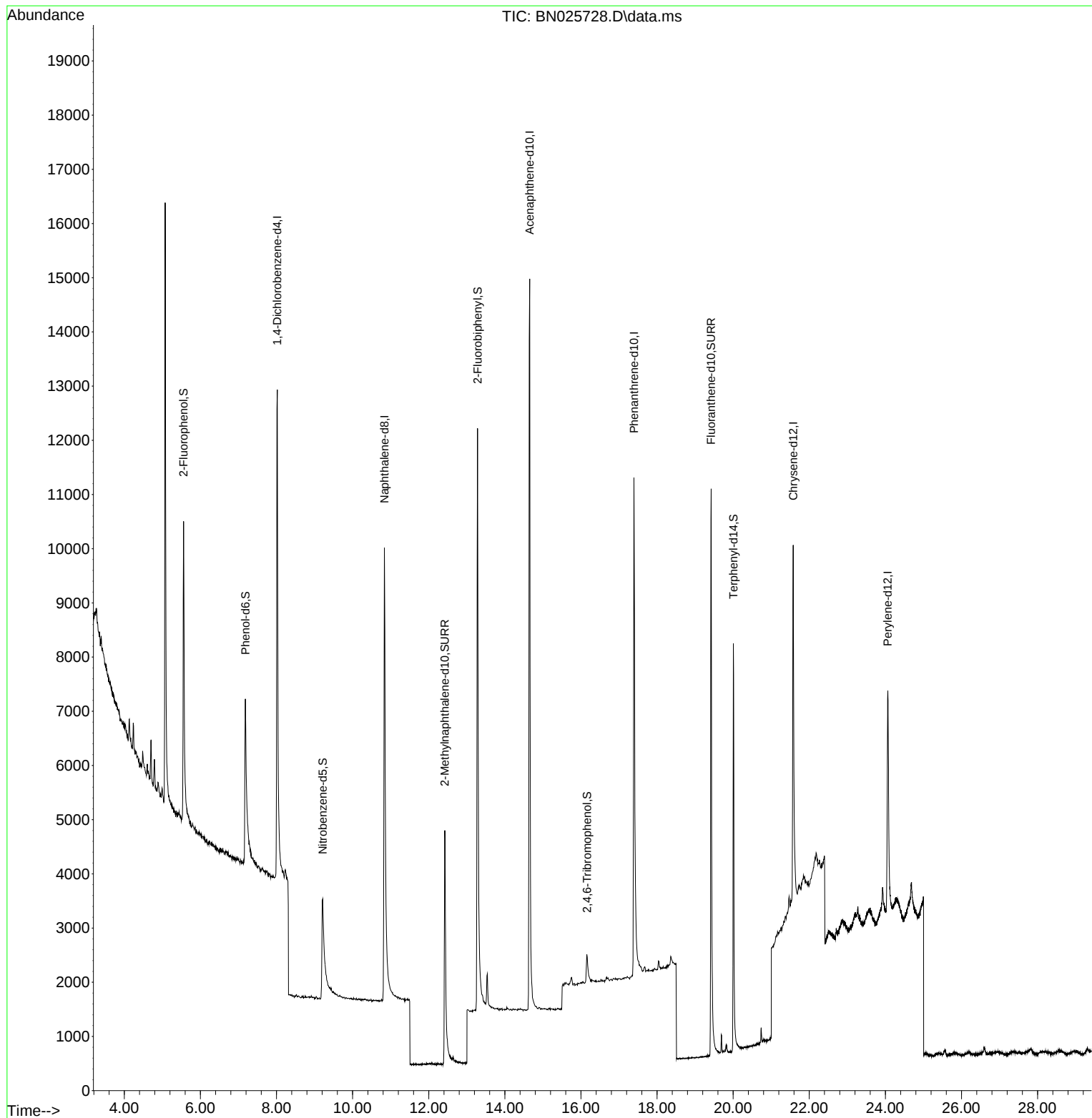
Target Compounds Qvalue

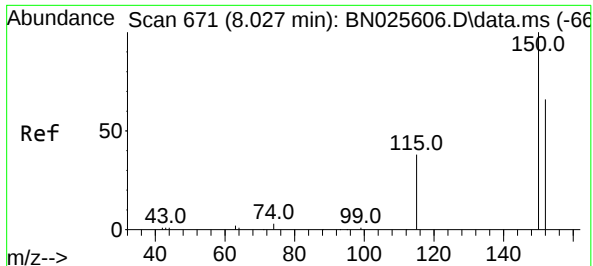
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN053023\  
Data File : BN025728.D  
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Sample : PB153027BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB153027BL

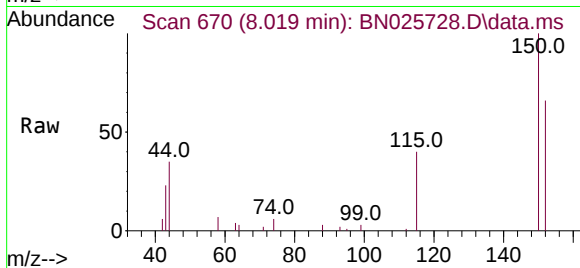
Quant Time: May 31 04:48:55 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 29 00:47:45 2023  
Response via : Initial Calibration



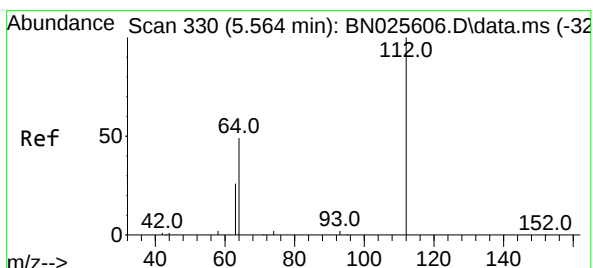
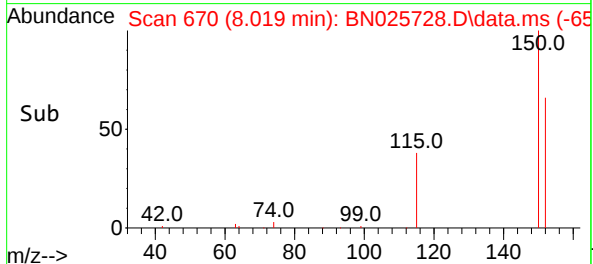
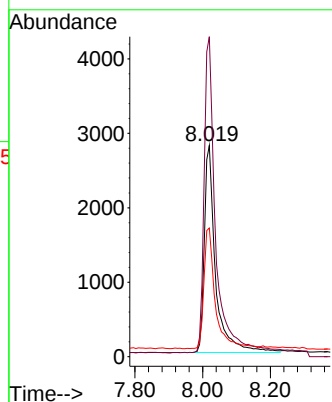


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.019 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

Instrument :  
BNA\_N  
ClientSampleId :  
PB153027BL

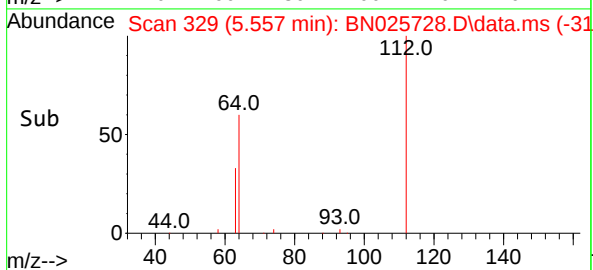
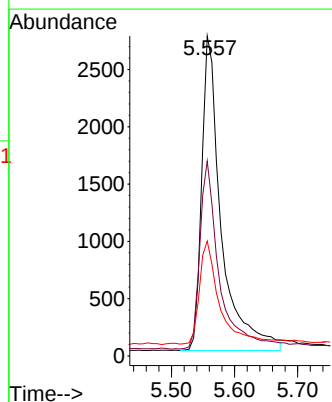
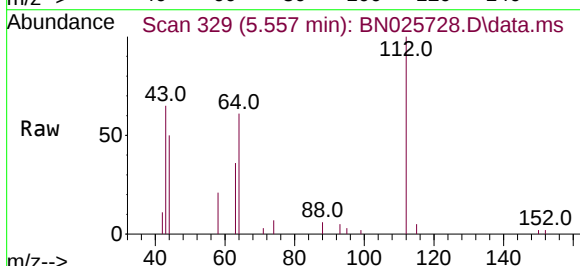


Tgt Ion:152 Resp: 6451  
Ion Ratio Lower Upper  
152 100  
150 151.5 121.0 181.6  
115 60.9 48.5 72.7



#4  
2-Fluorophenol  
Concen: 0.358 ng  
RT: 5.557 min Scan# 329  
Delta R.T. -0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

Tgt Ion:112 Resp: 5922  
Ion Ratio Lower Upper  
112 100  
64 59.5 45.7 68.5  
63 34.1 26.2 39.2

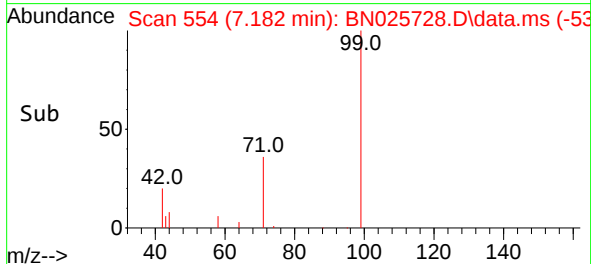
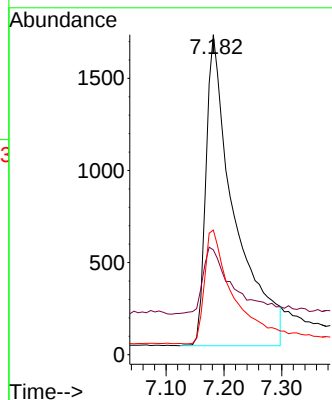
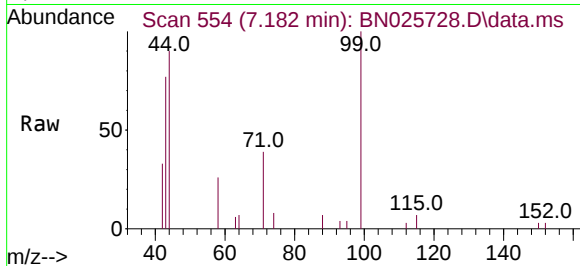




#5  
Phenol-d6  
Concen: 0.291 ng  
RT: 7.182 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

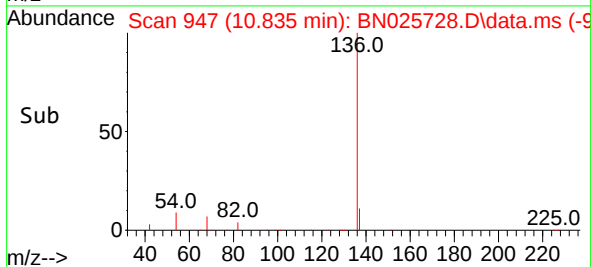
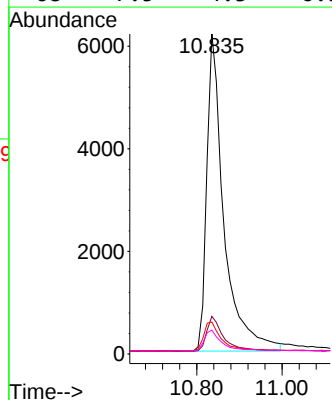
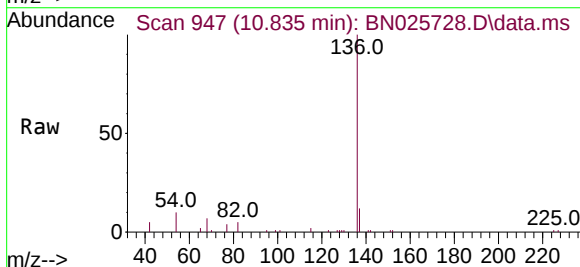
Instrument :  
BNA\_N  
ClientSampleId :  
PB153027BL

Tgt Ion: 99 Resp: 5769  
Ion Ratio Lower Upper  
99 100  
42 22.3 17.1 25.7  
71 37.6 29.3 43.9



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.835 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

Tgt Ion: 136 Resp: 17277  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.1 13.7  
54 10.0 5.4 8.0#  
68 7.5 4.3 6.5#

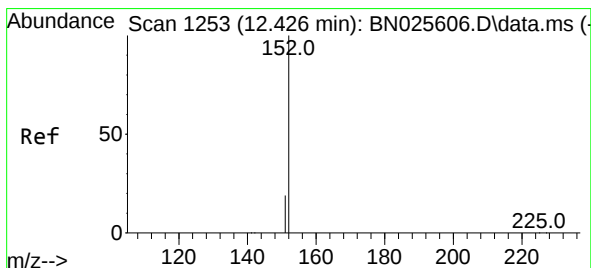
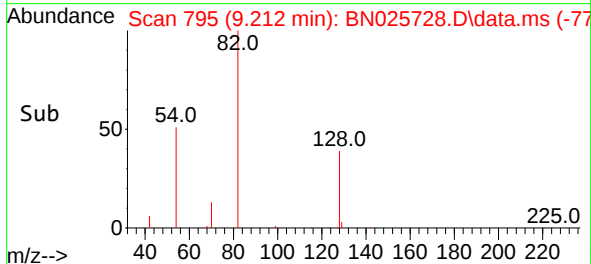
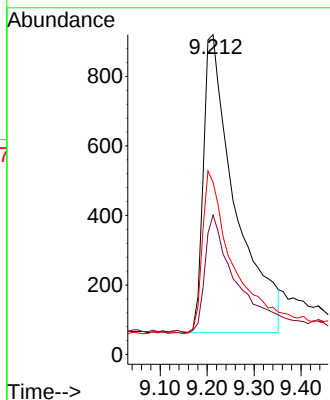
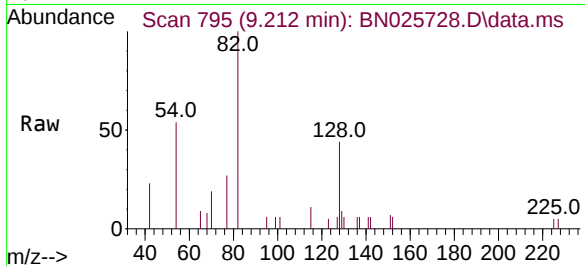




#8  
Nitrobenzene-d5  
Concen: 0.277 ng  
RT: 9.212 min Scan# 795  
Delta R.T. 0.021 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

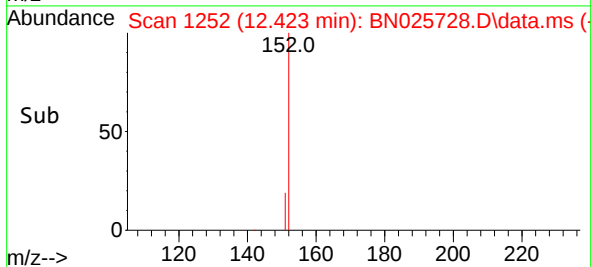
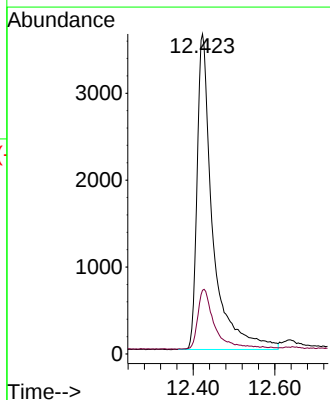
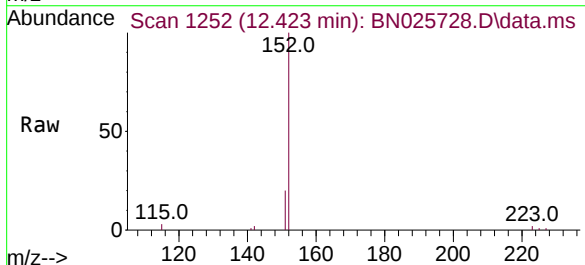
Instrument :  
BNA\_N  
ClientSampleId :  
PB153027BL

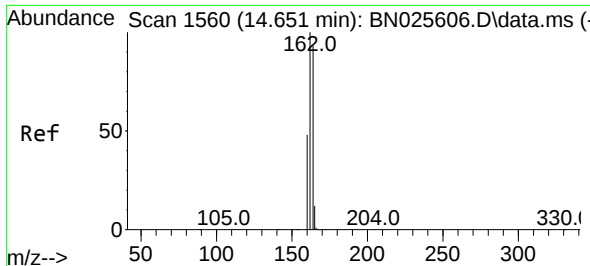
Tgt Ion: 82 Resp: 4011  
Ion Ratio Lower Upper  
82 100  
128 43.6 32.5 48.7  
54 53.8 40.6 60.8



#11  
2-Methylnaphthalene-d10  
Concen: 0.393 ng  
RT: 12.423 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

Tgt Ion:152 Resp: 9675  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.1 24.1

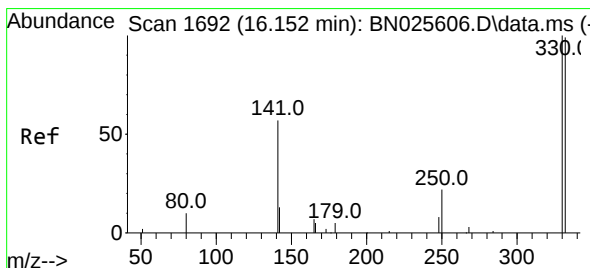
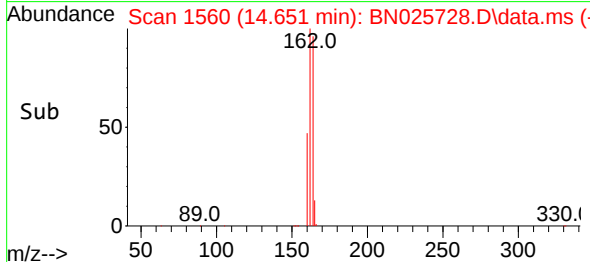
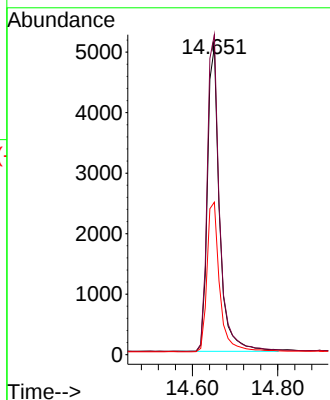
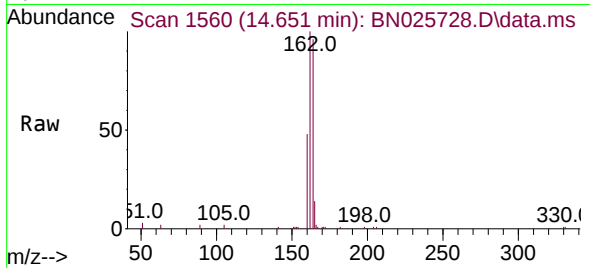




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.651 min Scan# 1560  
Delta R.T. -0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

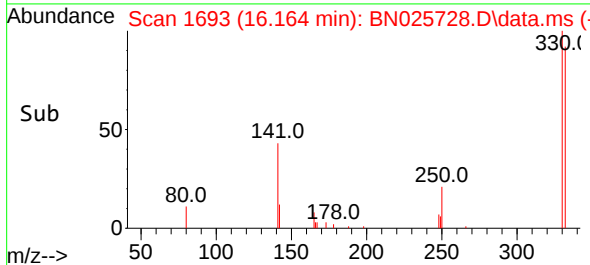
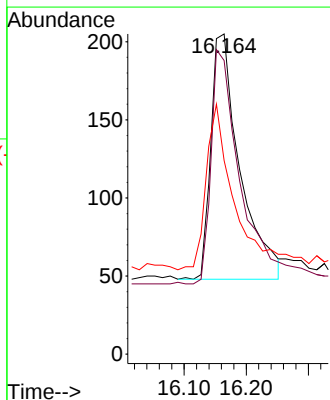
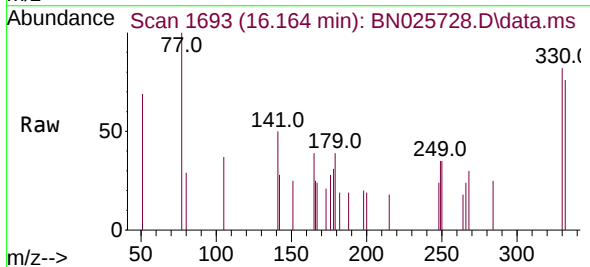
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BNA\_N  
ClientSampleId :  
PB153027BL

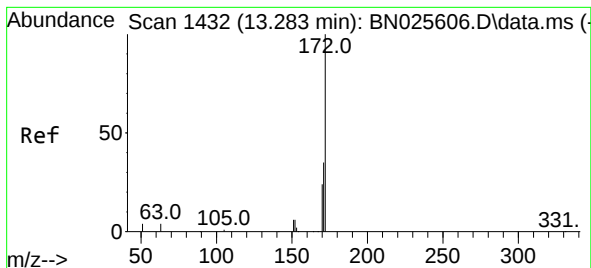
Tgt Ion:164 Resp: 9991  
Ion Ratio Lower Upper  
164 100  
162 104.1 86.4 129.6  
160 49.6 41.9 62.9



#14  
2,4,6-Tribromophenol  
Concen: 0.252 ng  
RT: 16.164 min Scan# 1693  
Delta R.T. 0.012 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

Tgt Ion:330 Resp: 509  
Ion Ratio Lower Upper  
330 100  
332 94.5 80.0 120.0  
141 63.9 45.8 68.6

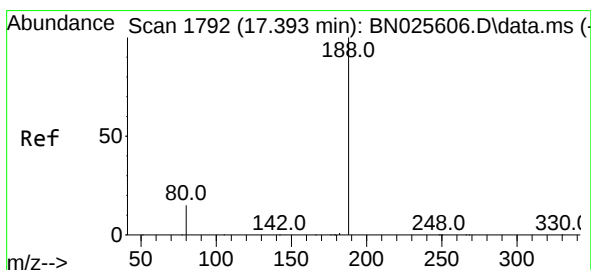
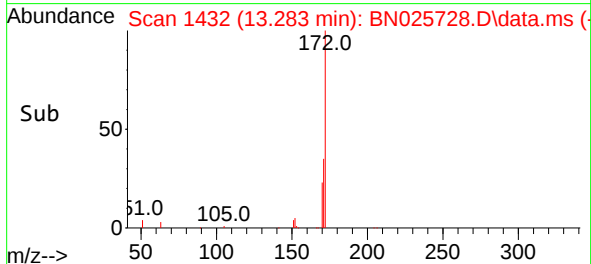
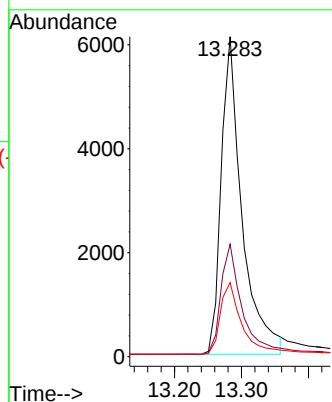
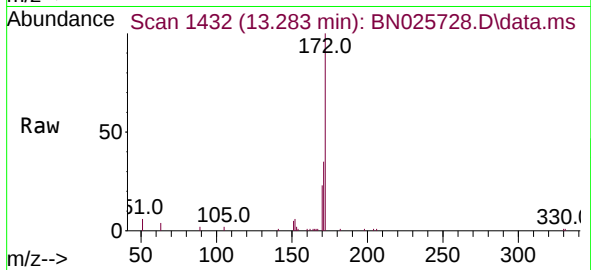




#15  
2-Fluorobiphenyl  
Concen: 0.320 ng  
RT: 13.283 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

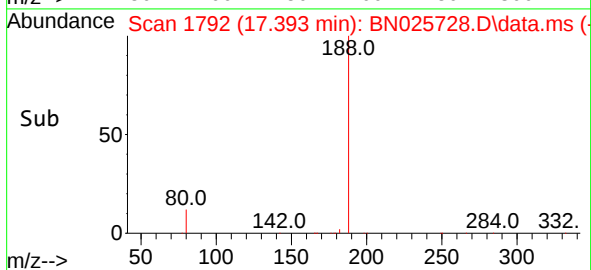
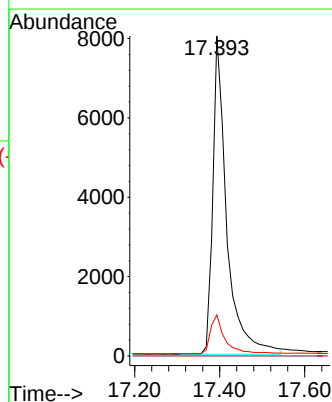
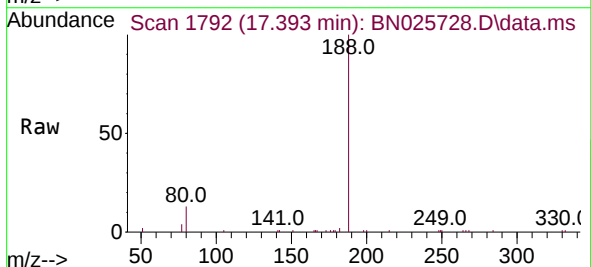
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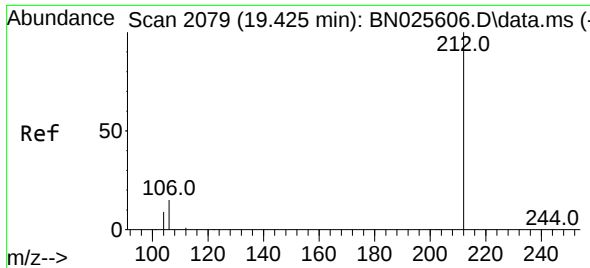
Tgt Ion:172 Resp: 13181  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 42.8  
170 23.1 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.393 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

Tgt Ion:188 Resp: 18182  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.8 12.2 18.2

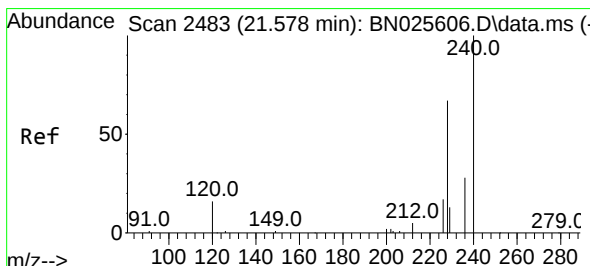
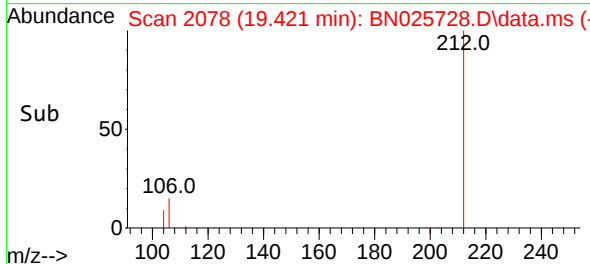
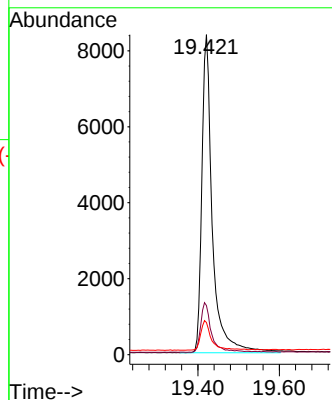
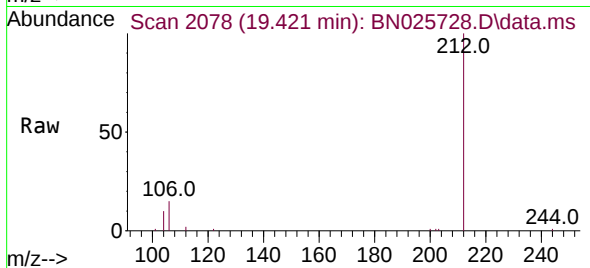




#27  
Fluoranthene-d10  
Concen: 0.366 ng  
RT: 19.421 min Scan# 2079  
Delta R.T. -0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

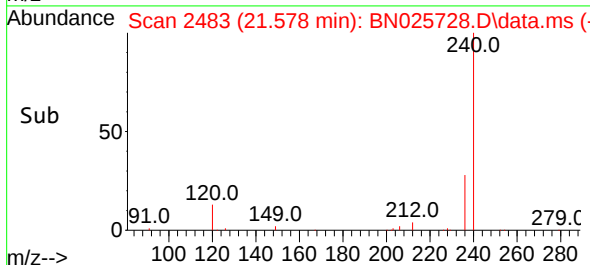
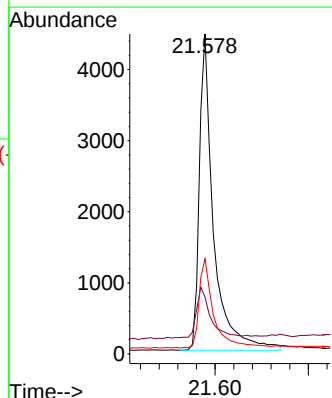
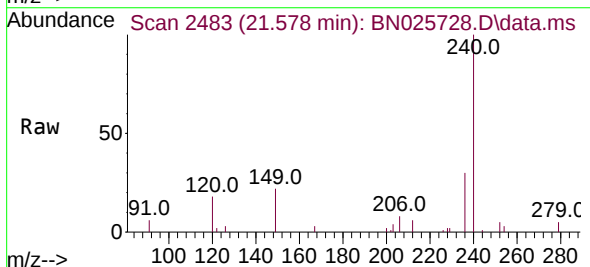
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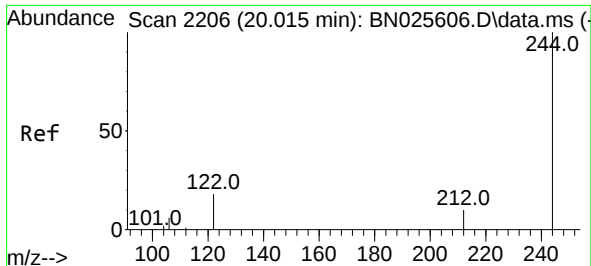
Tgt Ion:212 Resp: 15064  
Ion Ratio Lower Upper  
212 100  
106 15.9 12.3 18.5  
104 9.5 7.2 10.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.578 min Scan# 2483  
Delta R.T. -0.000 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

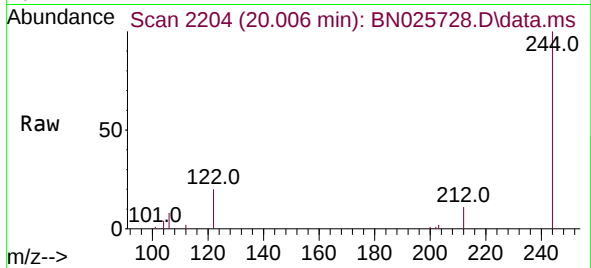
Tgt Ion:240 Resp: 9405  
Ion Ratio Lower Upper  
240 100  
120 17.8 15.4 23.0  
236 29.8 23.2 34.8



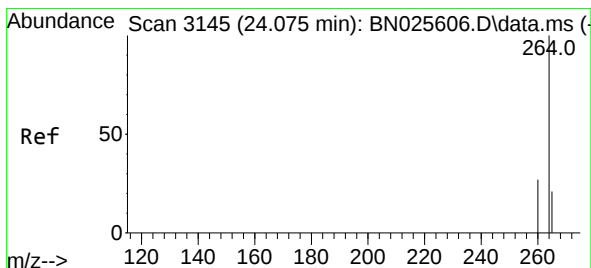
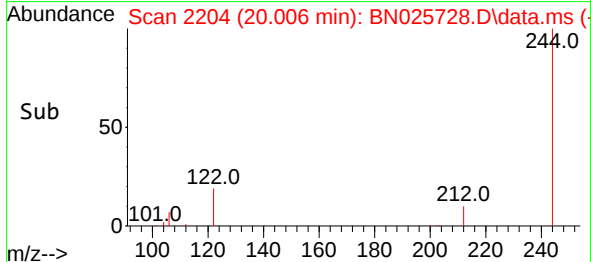
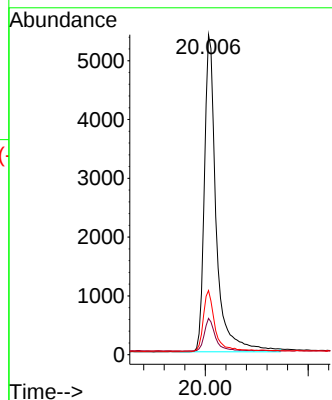


#31  
Terphenyl-d14  
Concen: 0.421 ng  
RT: 20.006 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

Instrument :  
BNA\_N  
ClientSampleId :  
PB153027BL



Tgt Ion:244 Resp: 8666  
Ion Ratio Lower Upper  
244 100  
212 11.4 8.5 12.7  
122 20.1 14.9 22.3



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.063 min Scan# 3141  
Delta R.T. -0.006 min  
Lab File: BN025728.D  
Acq: 30 May 2023 23:09

Tgt Ion:264 Resp: 8483  
Ion Ratio Lower Upper  
264 100  
260 28.3 22.3 33.5  
265 74.0 54.3 81.5

